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Docket No.: PC-0028 US

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By: [Signature] Printed: Katherine Stofer

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Lasek et al.

Title: INTESTINAL PROTEINS

Serial No.: 09/729,454

Filing Date: December 04, 2000

Examiner: Davis, N.

Group Art Unit: 1642

Commissioner for Patents  
Washington, D.C. 20231

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**RESPONSE TO OFFICE ACTION**

Sir:

This paper is responsive to the Office Action dated 10/23/01, Applicant(s) request reconsideration of the above-referenced patent application in view of the following amendments and remarks. Please note the period for response having been extended until 2/23/02, by the accompanying Petition and fee.

**IN THE SPECIFICATION**

Please replace the paragraph beginning at page 13, line 25, with the following rewritten paragraph:

Mammalian variants of the cDNA encoding IP-1 or IP-2 were identified using BLAST2 with default parameters and the ZOOSEQ databases (Incyte Genomics). These preferred variants have from about 80% to about 100% identity as shown in the table below. The first column shows the SEQ ID for the protein encoded by the human cDNA (SEQ ID<sub>H</sub>); the second column, the SEQ ID for the variant cDNAs (SEQ ID<sub>var</sub>); the third column, the clone number for the variant cDNAs (Clone<sub>var</sub>); the fourth column, the library name; the fifth column, the alignment of the variant cDNA to the human cDNA (includes the alignment of different regions of the variant cDNA with different regions of the human